

Burnside Initial Incident Report

(for internal use only)

Incident Information

Date reported: 2/8/2012

Title: Leaking flange on downstream side of the vent valve on DUPX 12576.

Incident date: 2/8/2012

Incident time: 1900

Area: Burnside SO3 loading rack

Brief Description of known facts: Burnside operator contacted the Burnside mechanic informing him that they had an active leak on an SO3 railcar while in the loading process. Mechanic reported to the site. Upon evaluation it was determined that the leak was on the downstream side of the vent valve. Upon removing the shroud, it was noted that all four bolts were loose, and in fact, one was missing a nut. (Reiterate: the leak was not at the valve to tank car connection, but at the valve to spool connection)

Immediate action taken: Operations put the maintenance vent (vacuum) hose on the leak immediately after recognition.

Mechanic found the source of the leak and tightened the flange resulting in leak stoppage.

Leak test was performed on the connection using N2 pressure and "snoop".

Loading process was completed.

Other action recommended:

Environmental deviation(Title V, other):

Chemical released: SO3

Report Completed by: (b) (7)(C), (b) (6)

Note: Deliver copy of form to manager upon completion

Burnside Initial Incident Report

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Incident Information

Date reported: February 20th, 2012

Title: KBR 1st Aid

Incident date: February 19th, 2012

Incident time: 2: 40 p.m.

Area: KBR Shop

Brief Description of known facts: KBR employee was cutting stainless steel sheet metal on the insulation fab table when his left forearm came in contact with a piece of sheet metal lying on the table. This resulted in a ¾" long cut.

Immediate action taken: KBR supervision called Site Safety to inform him and describe the injury. Site Safety walked supervision through the suggested treatment method. The effected are was cleaned and prepped then closed over using Sterri-Strips and gauze

Other action recommended: In addition to using KEVLAR Gloves ,the use of KEVLAR sleeves will be required for cutting sheet metal both in the shop and in the field.

Environmental deviation(Title V, other): NA

Chemical released: NA

Report Completed by: (b) (7)(C), (b) (6)

Note: Deliver copy of form to manager upon completion

Burnside Initial Incident Report

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Incident Information

Date reported: 3/18/2012

Title: Acid gas leak at the CIP

Incident date: 3/18/2012

Incident time: 8:00 PM

Area: Top side of CIP

Brief Description of known facts: Operations called maintenance to report a gas leak on the CIP. Upon investigation, it was discovered that the vacuum box insert had corroded, therefore, we lost vacuum at that point. It was reported that the gas was not traveling past the fence line.

Immediate action taken: KBR personnel repaired the inserts, and leak was contained.

Other action recommended:

Environmental deviation(Title V, other): N/A

Chemical released: Small amount of SO3.

Report Completed by: _____ (b) (7)(C), (b) (6)

Note: Deliver copy of form to manager upon completion

Burnside Initial Incident Report

(for internal use only)

Incident Information

Date reported: 3-19-12

Title: Operator

Incident date: 3-18-12

Incident time: Not sure

Area: North Fence Perimeter

Brief Description of known facts: SO3 Leak crossing fence line toward Ormet and making nightly security perimeter inspection as per Homeland security regs.

Immediate action taken: Noticed that leak was getting off site truck would not move, stuck in mud

Other action recommended:

Environmental deviation (Title V, other):

SO3 Release contacted

(b) (7)(C), (b) (6)

Chemical released:

SO3

had Lonnie & crew fix leak

Report Completed by:

(b) (7)(C), (b) (6)

Note: Deliver copy of form to manager upon completion

Burnside Initial Incident Report

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Incident Information

Date reported: 3/19/2012

Title: CIP Gas Leak

Incident date: 3/18/2012

Incident time: Approx. 8:30p.m.

Area: CIP/HIP Exchanger

Brief Description of known facts: A gas leak on the CIP Exchanger was noticed by the outside operator

Immediate action taken: contacted supervision and environmental coordinator. Environmental coordinator responded first, advised to contact mark if gas leak was going off site.

Other action recommended:

Environmental deviation(Title V, other): None

Chemical released: Gas mixture SO₂/SO₃

Report Completed by: (b) (7)(C), (b) (6)

Note: Deliver copy of form to manager upon completion

Burnside Initial Incident Report

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Incident Information

Date reported: 3/19/12

Title: Company vehicle stuck in the mud

Incident date: 3/18/12

Incident time: Night Shift

Area: North Fence Perimeter

Brief Description of known facts: Driving on the plant along the north perimeter of the fence line to verify if a gas leak was beyond the plant perimeter. While driving the truck it became stuck in the mud/soft ground.

Immediate action taken: Left the truck, and wrote up the truck status in the red book for maintenance to assist in the morning.

Other action recommended:

Environmental deviation(Title V, other): None

Chemical released: None

Report Completed by: _____

(b) (7)(C), (b) (6)

Note: Deliver copy of form to manager upon completion

Burnside Initial Incident Report

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Incident Information

Date reported: 3/23/2012

Title: Entergy voltage drop resulting in plant going down.

Incident date: 3/23/2012

Incident time: 9:45PM

Area: Entire plant

Brief Description of known facts: Plant experienced a voltage drop on "b" phase caused by a lightning arrester fault. It was approximately 1.5 seconds in duration. The voltage drop led to the plant tripping out.

Immediate action taken: Plant was secured and restarted per procedures within one hour.

Other action recommended:

Environmental deviation(Title V, other): N/A

Chemical released: N/A

Report Completed by: (b) (7)(C), (b) (6)

Note: Deliver copy of form to manager upon completion

Burnside Initial Incident Report

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Incident Information

Date reported: 3/24/2012

Title: SO3 backfeed into Control Panel on Loading Rack

Incident date: 3/24/2012

Incident time: 1:12 AM

Area: SO3 Loading Rack

Brief Description of known facts:

SO3 back fed into the control panel on the loading rack due to:

- 1) Loss of N2 pressure at the rack.
- 2) Failure of the S23G check valves.

Immediate action taken:

Isolated the cabinet from the N2 system, and utilized a vacuum hose to evacuate fumes from the cabinet.

Other action recommended: Further investigation needed.

Environmental deviation(Title V, other): N/A

Chemical released: Small amount of SO3

Report Completed by: (b) (7)(C), (b) (6)

Note: Deliver copy of form to manager upon completion

Burnside Initial Incident Report

(for internal use only)

Incident Information

Date reported: 4/4/2012

Title: Anonymous complaint to Louisiana Department of Environmental regarding visible emissions and from the plant stack and odors coming from the plant.

Incident date: 3/20/2012

Incident time: Unknown

Area: Plant Stack

Brief Description of known facts: (b) (7)(C), (b) (6) with LDEQ called at 9:15 a.m. on 4/4/2012 following up on an anonymous public complaint that was called in to her office on 3/20/2012. The complaint was regarding emissions coming from the plant stack other than steam and odors coming from the plant.

Immediate action taken: I informed (b) (7)(C), (b) (6) that the plant the plant has been running steadily for this entire year at low rates with no upsets or shutdowns. I explained that we look at the stack daily and perform Method 9 Opacity readings weekly and that we have not observed any visible emission problems. I explained that they are steam vents that are visible at much lower heights but that is normal for any plant. I told her that this was the first public complaint that I can recall since I had been here. I asked her to let us know if there are any additional complaints but we were not experiencing any issues with our stack.

Other action recommended:

Environmental deviation(Title V, other): None

Chemical released: None – visible emissions complaint

Report Completed by: (b) (7)(C), (b) (6)

Note: Deliver copy of form to manager upon completion

Burnside Initial Incident Report

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Incident Information

Date reported: 4/11/12

Title: CIP Gas Leak & minor stack

Incident date: 4/10/2012

Incident time: Night Shift

Area: CIP Exchanger and Stack

Brief Description of known facts: Day shift notified maintenance of a CIP gas leak and noted a possible stack at approx. 5 am.

Immediate action taken: Permit written to fix/mitigate the leak. Process variables where adjusted to increase the gas temperature inlet the FAT for the stack mitigation.

Other action recommended:

Environmental deviation (Title V, other): none

Chemical released: small amount of SO₃

Report Completed by: (b) (7)(C), (b) (6)

Note: Deliver copy of form to manager upon completion

Burnside Initial Incident Report

(for internal use only)

Incident Information

Date reported:

4/11/12

Title:

operator

Incident date:

4/11/12

Incident time:

05:00

Area:

Process

Brief Description of known facts:

GAS SO_3 + SO_2 Leaking offsite
toward Motiva - Southward

Immediate action taken:

Told inside operator when
coming in for shift change

Other action recommended:

(b) (7)(C), (b) (6)

(CKBR) had workers re-establish vacuum

Environmental deviation(Title V, other):

yes

Chemical released:

SO_3 + SO_2

Report Completed by:

(b) (7)(C), (b) (6)

Note: Deliver copy of form to manager upon completion

Burnside Initial Incident Report

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Incident Information

Date reported: 4/28/2012

Title: Operator

Incident date: 4/28/2012

Incident time: 0600

Area: Exchangers

Brief Description of known facts: I was making rounds throughout the plant as usual when I noticed what appeared to be a gaseous leak coming from the CIP.

Immediate action taken: I approached the leak from different angles just to make sure of my assertions. After I was convinced of what I was looking at, I notified the board Operator and he notified the Supervisor. The Supervisor gave a directive to call maintenance so they could come out and take the necessary actions to stop the leak.

Other action recommended:

Environmental deviation(Title V, other):

Chemical released: gas leak

Report Completed by: (b) (7)(C), (b) (6)

Note: Deliver copy of form to manager upon completion

Burnside Initial Incident Report

(for internal use only)

Incident Information

Date reported: 4/28/2012

Title: CIP Gas Leak

Incident date: 4/28/2012

Incident time: 06:00

Area: Exchangers

Brief Description of known facts: Operator was making rounds throughout the plant when it noticed of what appeared to be a gas leak coming from the CIP.

Immediate action taken: The CIP was approached to make sure it was a leak. At which point, the board operator was notified of the leak and then notified the supervisor. The supervisor gas a directive to call maintenance so they could come and stop the leak.

Other action recommended: Maintenance stopped the leak due to a collapsed hose.

Environmental deviation(Title V, other): None

Chemical released: SO3

Report Completed by: (b) (7)(C), (b) (6)

Note: Deliver copy of form to manager upon completion

Burnside Initial Incident Report

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Incident Information

Date reported: 4/30/2012

Title: CIP Gas Leak

Incident date: 4/30/2012

Incident time: 6:45 am

Area: CIP/HIP Exchanger Area

Brief Description of known facts: CIP gas leak from a collapsed hosed performed on 4/28/2012

Immediate action taken: Re-positioned the hose to capture the gas leak into system.

Other action recommended:

Environmental deviation(Title V, other): No

Chemical released: small amount of SO3

Report Completed by: (b) (7)(C), (b) (6)

Note: Deliver copy of form to manager upon completion

Burnside Initial Incident Report

(for internal use only)

Incident Information

Date reported:

5/14/2012

Title:

Operator outside 1 position

Incident date:

5/14/12-5/15/12

Incident time:

23:00 - 05:00

Area:

CIP Area (Above)

Brief Description of known facts:

Noticed gas leak travelling South over the hothouse when doing Nightly Homeland security check. Notified (b) (7)(C), (b) (6) verified with me that it is not very bad but is leaking. Called (b) (7)(C), (b) (6) supervisor who said write first report & tell relief to adjust hoses

Immediate action taken:

When KBR gets in. Called supervision

Other action recommended:

Environmental deviation(Title V, other):

?

Chemical released:

SO³ + SO²

Report Completed by:

(b) (7)(C), (b) (6)

Note: Deliver copy of form to manager upon completion

Burnside Initial Incident Report

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Incident Information

Date reported:

5-20-12

Title: Gas Leak on the "Hip" & "Cip"

Incident date:

5-20-12

Incident time:

4:15 Am

Area:

"Hip" & "Cip"

Brief Description of known facts:

while making final rounds I noticed a smell of Acid in the water plant and upon further investigation I noticed a steady cloud of gas coming from the top of the "Hip"

Immediate action taken: Increased vacuum and began to notify supervision as per the next course of action

Other action recommended:

Environmental deviation(Title V, other):

Chemical released:

yes "SO₂" & "SO₃"

Report Completed by:

(b) (7)(C), (b) (6)

Note: Deliver copy of form to manager upon completion

Burnside Initial Incident Report

(for internal use only)

Incident Information

Date reported: 5-20-12

Title: Gas Leak on the CIP/HIP Heat Exchanger

Incident date: 5-20-12

Incident time: 4:15 am

Area: HIP & CIP

Brief Description of known facts: While making final rounds the outside operator noticed a smell of acid in the water plant and upon further investigation they noticed a steady cloud of gas coming from the top of the HIP exchanger

Immediate action taken:

Increased vacuum and began to notify supervision for the next course of action. Supervision contacted and had maintenance contractors come out to mitigate the leak

Other action recommended:

Environmental deviation(Title V, other): No

Chemical released: SO₂ & SO₃

Report Completed by: (b) (7)(C), (b) (6)

Note: Deliver copy of form to manager upon completion